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John A. Hamilton
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Reg. No. 48,946

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MURPHY, Michael C.

Serial No: 09/781,459

Filed: February 12, 2001

For: METHODS AND APPARATUS FOR RECEIVING AND TRANSMITTING SIGNALS

Examiner: NGUYEN, Dung X.

Art Unit: 2631

Docket No.: 12569-106

PERKINS SMITH & COHEN LLP

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To: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response (A) To Office Action Under 37 CFR 1.111

Sir:

In response to the non-final Office Action dated 04 June 2004 for the above-captioned patent application, Applicant respectfully submits this amendment accompanied by petition for a three-month amendment and associated fee (large entity.) No further fees are believed necessary for submission and consideration of this response, however, in the event that fees are required, including fees for additional independent claims, such fees are authorized to be charged to our Deposit Account No. 03-2410, Order No. 12569-106.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 29 of this paper.